L Number	Hits	Search Text	DB	Time stamp
-	3	(("3572333") or ("4318401") or ("3540451")).PN.	USPAT;	2004/06/17 14:31
	۱ · م	2540454 LIDDN	US-PGPUB	2004/06/17 14:33
-	34	3540451.URPN.	USPAT	
-	15	("3547119" "3613684" "3713441" "3815577" "3818511"	USPAT	2004/06/17 14:36
		"3991756" "3993079" "4096860" "4099528" "4108174"		
		"4122858" "4164221" "4180068" "4236520"		
		"4270535").PN.	LICDAT	2004/06/47 14:29
-	44		USPAT USPAT	2004/06/17 14:38
-	2004	3572333.URPN.		
-	2624	vascular near5 access	USPAT;	2004/06/17 15:02
		()	US-PGPUB	0004/00/47 40:40
-	85	(vascular near5 access) same (plug or stopper or obturator)	USPAT;	2004/06/17 16:18
	4.5	(1054744011 1004000411 11074044411 11004557711 11004054411	US-PGPUB	0004/00/47 45:05
-	15	("3547119" "3613684" "3713441" "3815577" "3818511"	USPAT	2004/06/17 15:25
		"3991756" "3993079" "4096860" "4099528" "4108174"		
		"4122858" "4164221" "4180068" "4236520"		
	_	"4270535").PN.	LICDAT	0004/00/47 45:00
-	5	("3216420" "3402710" "3447161" "3687129"	USPAT	2004/06/17 15:26
		"3704704").PN.	LICDAT	0004/00/47 45:07
-	14		USPAT	2004/06/17 15:27
-	4216	(plug or stopper or obturator or rod) with (flat near3 (end or	USPAT;	2004/06/17 16:19
		tip))	US-PGPUB	0004/00/47 40:00
-	0	(plug or stopper or obturator or rod) with ((flat near3 (end or	USPAT;	2004/06/17 16:20
		tip)) with ('not' near2 (round\$ or curv\$)))	US-PGPUB	0004/00/47 40:04
-	0	(plug or stopper or obturator or rod) same ((flat near3 (end or	USPAT;	2004/06/17 16:21
		tip)) with ('not' near2 (round\$ or curv\$)))	US-PGPUB	0004/00/47 40:04
-	0	((flat near3 (end or tip)) with ('not' near2 (round\$ or curv\$)))	USPAT;	2004/06/17 16:21
		((0.1 0.4 1))	US-PGPUB	0004/00/47 40:04
-	0	((flat near3 (end or tip)) same ('not' near2 (round\$ or curv\$)))	USPAT;	2004/06/17 16:21
	40054	(0.1	US-PGPUB	0004/00/47 40:04
· .	10054	(flat near3 (end or tip)) same (round\$ or curv\$)	USPAT;	2004/06/17 16:21
		(0.1	US-PGPUB	0004/00/47 46:05
-	5737	(flat near3 (end or tip)) with (round\$ or curv\$)	USPAT;	2004/06/17 16:25
		(////	US-PGPUB	2004/06/47 46:45
-	516	((flat near3 (end or tip)) with (round\$ or curv\$)) same (plug or	USPAT;	2004/06/17 16:45
	_	stopper or obturator or rod)	US-PGPUB	2004/06/47 46:00
-	8	("3406685" "3352306" "2426535" "3491756" "2896619"	USPAT	2004/06/17 16:29
	4700	"2656835" "3454006" "3491757").PN.	LICDAT	2004/06/47 46:40
-	1708	(treatment or (surgical near2 procedures)) with (urinary near2	USPAT;	2004/06/17 16:46
l	l	incontinence)	US-PGPUB	Į.

L Number	Hits	Search Text	DB	Time stamp
-	2453144	port or access or device	USPAT;	2004/01/25 11:12
			US-PGPUB	
-	213524	transcutaneous or transdermal or skin or cutaneous or dermal	USPAT;	2004/01/25 11:13
			US-PGPUB	
-	1129413	tube or cannula or tubular or sheath or sleeve	USPAT;	2004/01/25 11:14
			US-PGPUB	
-	333431	plug or obturator or (seal\$ near5 (shaft or rod))	USPAT;	2004/01/25 13:08
			US-PGPUB	
-	441	(port or access or device) same (transcutaneous or	USPAT;	2004/01/25 11:21
		transdermal or skin or cutaneous or dermal) same (tube or	US-PGPUB	
'		cannula or tubular or sheath or sleeve) same (plug or		
	70	obturator or (seal\$ near5 (shaft or rod)))	LICDAT.	2004/04/25 12:24
-	70	((port or access or device) same (transcutaneous or	USPAT; US-PGPUB	2004/01/25 12:34
		transdermal or skin or cutaneous or dermal) same (tube or cannula or tubular or sheath or sleeve) same (plug or	US-PGPUB	
		obturator or (seal\$ near5 (shaft or rod)))) same catheter		
_	124430	bub	USPAT:	2004/01/25 11:46
-	124430	Nub	US-PGPUB	2004/01/25 11.40
_	29720	(tube or cannula or tubular or sheath or sleeve) same hub	USPAT:	2004/01/25 11:47
	20,20	(table of carridia of tabular of official) of officers of out of tabular of official of officers	US-PGPUB	2004/01/20 11:17
_	283	((tube or cannula or tubular or sheath or sleeve) same hub)	USPAT;	2004/01/25 11:49
		and (monolithic\$)	US-PGPUB	
-	1627942	hub or coupl\$ or lock\$	USPAT;	2004/01/25 11:50
			US-PGPUB	
-	1847963	hub or coupl\$ or lock\$ or thread\$	USPAT;	2004/01/25 11:50
			US-PGPUB	
-	44384	(hub or coupl\$ or lock\$ or thread\$) near5 (plug or obturator or	USPAT;	2004/01/25 11:50
		(seal\$ near5 (shaft or rod)))	US-PGPUB	
-	26	((hub or coupl\$ or lock\$ or thread\$) near5 (plug or obturator or	USPAT;	2004/01/25 11:50
	_	(seal\$ near5 (shaft or rod)))) same monolithi\$	US-PGPUB	0004/04/05 40:04
-	1	("3540451").PN.	USPAT;	2004/01/25 12:34
	45594	(plug or obturator or (goal\$ poor5 (choft or rod))) same thread\$	US-PGPUB USPAT;	2004/01/25 13:08
-	45594	(plug or obturator or (seal\$ near5 (shaft or rod))) same thread\$	US-PGPUB	2004/01/25 13:08
_	334	((plug or obturator or (seal\$ near5 (shaft or rod))) same	USPAT;	2004/01/25 13:31
-	334	thread\$) same (surgical or medical)	US-PGPUB	2007/01/20 10:01
_	51232	catheter	USPAT;	2004/01/25 13:31
[]	01202	- outroitor	US-PGPUB	230 1/0 1/20 10:01
_	14787	catheter same (hub or coupl\$ or lock\$ or thread\$)	USPAT;	2004/01/25 13:31
			US-PGPUB	
_	5554	(catheter same (hub or coupl\$ or lock\$ or thread\$)) same	USPAT;	2004/01/25 13:33
		thread\$	US-PGPUB	
-	267	((catheter same (hub or coupl\$ or lock\$ or thread\$)) same	USPAT;	2004/01/25 13:34
		thread\$) same (integral\$ or monolithic\$ or unitary)	US-PGPUB	

L Number	Hits	Search Text	DB	Time stamp
-	33	(vascular near2 access) same plug	USPAT	2003/08/10 17:39
_	3	(removable near5 plug) same vascular	USPAT	2003/08/10 17:41
l _	9	(removable near5 plug) same trocar	USPAT	2003/08/10 17:41
	60	(removable near5 obturator) same trocar	USPAT	2003/08/10 17:58
<u>-</u>	48	(removable near5 plug) same cannula	USPAT	2003/08/10 18:04
1_	39	(removable near5 obturator) same cannula	USPAT	2003/08/10 18:13
_	382	cannula near5 plug	USPAT	2003/08/10 18:14
l <u>.</u>	17	("0204913" "2267925" "2570465" "2631584" "2651840"	USPAT	2003/08/10 18:38
	.,	"3103926" "3636956" "4060089" "4299021" "4320544"	001711	2000/00/10 10:00
		"4415111" "4438769" "4507817" "4532926" "4884572"		
		"4895148" "4924865").PN.		
<u>-</u>	15	("3547119" "3613684" "3713441" "3815577" "3818511"	USPAT	2003/08/10 19:33
		"3991756" "3993079" "4096860" "4099528" "4108174"	001711	2500700710 10:00
		"4122858" "4164221" "4180068" "4236520"		
		"4270535").PN.		
_	40	4318401.URPN.	USPAT	2003/08/10 18:42
1_	8	("1483964" "2298632" "3765032" "3826257" "3991756"	USPAT	2003/08/10 18:43
		"4015601" "4108173" "4108174").PN.	00.711	2000/00/10 10:10
_	23	4164221.URPN.	USPAT	2003/08/10 18:44
_	5	("3216420" "3402710" "3447161" "3687129"	USPAT	2003/08/10 18:46
		"3704704").PN.	001711	2000/00/10 10:10
_	1	("3991756").PN.	USPAT	2003/08/10 19:37
<u>-</u>	5	("3461869" "3663965" "3752162" "3783868"	USPAT	2003/08/10 19:34
		"3826256").PN.		
-	7	3572333.URPN.	USPAT	2003/08/10 20:58
<u>-</u>	7	("3572333" "3695921" "4515593" "4526579" "4647643"	USPAT	2003/08/10 21:28
		"4668221" "4743629").PN.		
-	34	3540451.URPN.	USPAT	2003/08/10 19:59
-	4	("2453056" "3435823" "3540451" "3774615").PN.	USPAT	2003/08/10 19:58
-	226	(plug or stopper or obturator or (solid near2 blunt) or rod)	USPAT	2003/08/10 19:56
		same (cannula or trocar or tube or tubular or portal or access		
[or catheter or needle) same ((blood near2 vessel) or vein or		
		artery or vascular or vasulature) same (lock or locking or		
		thread or threads or threadably)		
-	56	obturator same (flexible or flexibility) same hollow	USPAT	2003/08/10 23:04
-	19	obturator same (flexible or flexibility) same core	USPAT	2003/08/10 23:03
-	433	obturator same (flexible or flexibility)	USPAT	2003/08/10 23:03